

Amendment to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A display device ~~to display~~ for displaying data corresponding to a ~~coloured~~ colored image with relatively dark and light regions so as to provide a visual representation of the image, without being illuminated by a separately ~~energisable~~ energizable illumination source, configured so that the relatively dark regions are displayed lighter than indicated by ~~the image data~~ whereby to compensate for image darkening in the visual representation of the image produced by the display device provided by non-linear characteristics of the display.

2. (Currently Amended) A device according to claim 1 including processing circuitry to receive the data corresponding to the colored image and configured to perform filtering of the image data so as to produce filtered image data wherein the relatively dark region is represented by filtered data which corresponds to a region which is lighter than the relatively dark region.

3. (Original) A device according to claim 2 wherein the processing circuitry is configured to filter the image data according to a predetermined transfer function.

4. (Original) A device according to claim 3 wherein the transfer function is selectively alterable.

5. (Currently Amended) A device according to claim 4 including a photodetector for detecting ambient light levels, and the transfer function ~~being is~~ selectively alterable in accordance with the level of ambient light detected by the photodetector.

6. (Original) A device according to claim 4 including a user operable control to alter the transfer function selectively.

7. (Currently Amended) A device according to claim 1 including an array of individually ~~energisable~~ energizable display elements.

8. (Original) A device according to claim 7 including a reflector to reflect ambient light through the display elements.

9. (Currently Amended) A device according to claim 1 comprising a liquid crystal, ~~or an~~ electrophoretic or an interference display device.

10. (Currently Amended) A device according to claim 1 including a selectively ~~energisable~~ energizable light source for illuminating the display in low light conditions.

11. (Original) A portable electronic apparatus including a display device according to claim 1.

12. (Currently Amended) ~~Apparatus~~ An apparatus according to claim 11 comprising a mobile telephone handset.

13. (Currently Amended) ~~Apparatus~~ An apparatus according to claim 11¹² wherein the handset includes a controller operable to receive digital image data transmitted thereto via a radio link and to perform digital filtering of the image data so that the relatively dark regions are displayed lighter than indicated by the image data.

14. (Currently Amended) ~~Apparatus~~ An apparatus according to claim 11 wherein the display device has a display driver including a processor operable to filter the image data so that the relatively dark regions are displayed lighter than indicated by the image data.

15. (Currently Amended) ~~Apparatus~~ An apparatus according to claim 11 and comprising a PDA.

16. (Currently Amended) A computer program for driving a processor configured to provide drive signals for a display device ~~such that it~~ which displays data corresponding to a ~~coloured~~ colored image with relatively dark and light regions and provides a visual representation of the image without being illuminated by a separately ~~energisable~~ energizable illumination source, the program being operable to filter the image data so that the relatively dark regions are displayed lighter than indicated by the image data, ~~whereby~~ to compensate for image darkening in the visual representation of the image produced by the display device provided by non-linear characteristics of the display.

17. (Currently Amended) A method of displaying image data corresponding to a ~~coloured~~ colored image with relatively dark and light regions ~~utilising~~ utilizing a display device that provides a visual representation of the image without being illuminated by a separately ~~energisable~~ energizable illumination source, the method, comprising filtering the image data so that the relatively dark regions are displayed lighter than indicated by the image data ~~whereby~~ to compensate for image darkening in the visual representation of the image produced by the display device provided by non-linear characteristics of the display.

18. (New) A display device in accordance with claim 1 wherein the display device is a reflective display.

19. (New) A display device in accordance with claim 2 wherein the display device is a reflective display.

20. (New) A display device in accordance with claim 3 wherein the display device is a reflective display.